MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Providing Drinking water by Sinking borewells and pipeline in ward No 5 Jalkur						
	Job Code: 005-20-000066						
	H/A — P3293, Indent No 40946.						
	Est Cost: 20.00 Lakhs						
	Contractor: Sri. K. Suresh.						
(1)	Geophysical investigation of site for Sinking borewells for supplying drinking water to the habitation either through the hand Pump MWS-						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 500911

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	or pwss by vle electrical sounding by adopting verner or schlumbergers method. including reconnaissance survey of geological formation geological investigation of existing ground water in vicinity its quality & acceptability of the uses including the application of sites recommended depth including an extra depth 4 to 5mtr in consolidated formation for proper seating of casing pipes etc complete						
2/5/2020	Bhoovigyana garden	1	-	-	-	1	
	Agrahara layout (Hiriyamenahalli Main Road)	1	-	-	-	1	
						2	

2/5/20

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rate 2031.51/No Qty					2 NO	
						= 4063=00	
(2)	Sinking of borewell of 165m.m dia clear using Supertast hydraulic rig of Capacity 250 psi & above 900 CFM & above in all strata including over borden upto 20m fixing of casing pipes collars & cap with necessary Cutting Threading & welding including transportation of rig & Supporting Vehical Crew charges & Cost of Consumable etc Complete						
	00- 50m						
	Near gardenbar Agrahara layout	1	—	—	50		
		1	—	—	50		

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M. A. R. 57 (Rule 116)
Measurement Book

No. B
500912

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑤ Rate 330.31/m					100.0 m	= 33031=50
③	50 to 100 m						
	Near garden bar	1	—	—	50		
	Agrahara layout	1	—	—	50		
					100.00		
	⑤ Rate 431.78/mtr					=	43178=00
④	100 to 150 m						
	Near garden bar	1	—	—	50		
	Agrahara layout	1	—	—	50		
					100.00		
	⑤ Rate 480.35/m					=	48035=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	150 - 200 m						
	Near garden bar	1	—	—	50.00		
	Agrahara layout	1	—	—	50.00		
	@ Rate 507.34/m				100.00	=	507.34=00
(6)	200 to 250						
	Near garden bar	1	—	—	50		
	Agrahara layout	1	—	—	50		
	@ Rate 587.22/m				100.00	=	5872.2=00
(7)	250 to 300m						
	Near garden bar	1	—	—	50.00		
	Agrahara layout	1	—	—	50.00		
	@ Rate 629.21/m				100.00	=	6293.1=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500913

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	300 - 370 m						
	Near garden bar	1	—	—	73		
	Agrahara layout	1	—	—	78		
					151		
	@ Rate 651.55/m		Liniar		140m		
			to			=	91269.50
	supplying of ISI mark 175mm nominal bore medium electric ERW casing pipe 4.5mm thick plain ends electric resistance continuous welded unalloyed steel tube materials conforming to IS 1387/1993 & manufactured from hot rolled steel Sheet/Strips in random length						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of 4 to 7 mtr boulder ency etc complete						
	Near gardenbar	1	—	—	60		
	Agrahara Layout	1	—	—	58		
					118 mtr		
	@ Rate 1450.26/Rmt					= 171631=00	
(10)	providing & fixing 250 mm dia PVC pipe as per Specification						
	Near gardenbar	1	—	—	11		
	Agrahara layout	1	—	—	13		
					24		
	Limited to				20 mts		
	@ Rate 1187.38/Rmt					= 23748=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500914

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	175m.m dia M.S casing cap						
	Near gardenbar	1	—	—	—	1	
	Agrahara Layout	1	—	—	—	1	
						2 Nos	
	@ Rate 107.94/No					= 216=00	
(12)	M.S. casing pipe collar (C) class						
	Near gardenbar	10	—	—	—	10	
	Agrahara layout	10	—	—	—	10	
						20 No	
	@ Rate 161.92/No					= 3238=00	

16/5/20

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Fabricating Supplying & Mounting MS box of 16 swg Suitable for floor/wall mounting, fully weather proof with provision for better hear desciption providing with hinges front Cover equipped with tamper proof locking arrangements. with Suitable size Clamps with necessary cable entry pipe with gland & box Shoald be finished 2 Coat of red oxide primes paint- etc complteate						
	Near garden bar	1	1100.00	20.00	—	22000.00	
	Agrahara layat	1	1100.00	20.00	—	22000.00	
						44000.00 mm²	= 15840.00
	Rate	0.36/m²					

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500915

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Labour Charges for erection of new/repaired Submersible pumpset along with 91 pipes Cable including transportation						
	Near garden bar	1X52	—	—	—	52 NO	
	Agrahara layout	1X48	—	—	—	48 NO	
						100	
	Rate 94.99/each Limited						
(15)	Supply erection & commissioning of 3 phase combined panal board meter Board with all necessary materials & labour including providing CC 1:3:6 foundation bed etc complete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	1x1	—	—	—	1 NO	
	Agrahara layout	1x1	—	—	—	1 NO	
						2 NO	
	@ Rate 498/each						= 996=00
(16)	Supplying & fixing of pardeam type channel with all necessary cut-out on existing wooden/panel wing necessary nuts, bolts & washer etc complete.						
	Near garden bar	1x3	—	—	—	3 NO	
	Agrahara layout	1x3	—	—	—	3 NO	
						6 NO	
	@ Rate. 157.20/each						= 943=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500916

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	Supplying & laying of L.T. U.G Cable having aluminium conductor pvc insulated Sheated galvanised steel wire/steel tape armoured cable with pvc outer sheating 1.1 kV class 4 core 16mm² cable etc complete						
	Near garden bar	1x42	—	—	—	42m	
	Agrahara layout	1x29	—	—	—	29	
						71	
				Limited to		70 mtrs	
	@ Rate 178.11/m						=12468=00

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500017

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Digging & to emthy & 0.6 mx 0.30m cide refilling the trenches to required ground level & consolidating etc complete.						
	Near gardenbar	1x	42	—	—	42m	
	Agrahara layout	1	29	—	—	29m	
						71m	
	@ Rate 59.37/m Limited to					70m	= 4156.00
(19)	Supplying & fixing class A-GI pipe on pole/wall drain crossing with necessary clamps arrangements for UG Cable 4C 1.1kV class 40mm						
	Near gardenbar	1	3.00	—	—	3	
	Agrahara layout	1	3.00	—	—	3	
	cSFC @ Rate 308.72/Rmr					6.00m	= 1852.00
(20)	29/5/2020 Supplying, fixing Living earth electrode for grounding complete with cutout & other equipments in the meter board using 40mm dia 2.90mm thick GI pipes 2.5m long buried in a pit the pit should be filled with equal proportion of salt & charcoal 150mm around						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	the pipe to Compound at depth the connections from the pipes to the Conduit etc to be established etc Compleate						
	Near garden bar	1x1	–	–	–	1No	
	Agrahara layout	1x1	–	–	–	1No	
	@ Rate 1781.92/No					2No	= 3562=00
(21)	Supply & fixing LT cast iron pot heads Suitable for 1.1kV class 1c 2.5 sq mm cable filled with necessary bitumen/insulating Compound etc Complete						
	Near garden bar	1x1	–	–	–	1No	
	Agrahara layout	1x1	–	–	–	1No	
	@ Rate 284.96/No					2No	= 570=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500918

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(22)	Supplying & fixing 17 polished wood board made of not less than 15mm thick on both sides with planks made out of not more than 2 pieces & fixing the same to wall using tapered inverted wooden plugs & screws etc Size 20x40 x2.5inches						
	Near garden bar	1x1	–	–	–	1No	
	Agrahara layout	1x1	–	–	–	1No	
	@ Rate 326.54/No					2No	= 653=00
(23)	Supply & fixing clip & clamp set						
	Near garden bar	1x1	–	–	–	1No	
	Agrahara layout	1x1	–	–	–	1No	
	@ Rate 168.46/No					2No	= 337=00

2/6/20

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500919

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(24)	Supply & delivery at site brand new texmo/jmw/kirloskar/ Suitable HP deep well Submercible pumpset for the installation in 150 dia borewell comprising of single stage or multistage CI pump close coupled 3 pass totally enclosed & fitted with pure drinking water splined cage rotor-immersible induction motor suitable for operation A 3ph, 50 Hz 380/440 V AC supply fitted with required accessories such as suction casing etc complete						
	17.5 HP 30 stage	1 X 1	–	–	–	1 No	
	near garden bar	1 X 1	–	–	–	1 No	
	Nagarabavi layout					2 No	= 151176=00
	• Rate 75588.05/no						

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(25)	20 HP 40 stage						
	c/f to	1 X 1	–	–	–	1 No	
	4/6/2020 to 5	94943-56/no					=94944=00
(26)	Providing laying & Jointing GI pipes conforming to IS Specification & approved make with fittings such as Collar bends elbows tees nipple plugs with cuts thread using white lead & threads for joints wherever necessary as per direction including all lead & labour etc complete						

4/6/20

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	54	6	—	—	324 mtr	
	Agrahara layout	58	6	—	—	348	
						672	
				Less 2		670	
	@ Rate 435.92/Rm						=291396-00
27	Supply + fixing collar for 91 pipes						
	Near garden bar	1x54	—	—	—	54	
	Agrahara layout	1x58	—	—	—	58	
						112	
	@ Rate 188.64/No						21125-00
28	Supplying 2 Substation pillar cable 1x35						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500920

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	1 x 760	—	—	—	760 mm	
		1	700	—	—	700	
						1460 Rm	
	@ Rate 150.91/Rm						=220329-60
29	Supplying & delivering at site brand new/Cases/Lotes Sunpinus/Adani/Elc Controls best indigenous make Combine energy meter-cum-Control panel board Lit of size 1000x600x300 mm min mfg mechanically Itms 29 & Varun & Lodher plot Ht Lit steel base type						

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500921

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Retrachable doors 50Hz, 380/440 Volts AC Supply with Spring latch locking with a key and should be provided with Combine Energy meter cum control panel board with suitable for operation on 3ph etc Commpleate	Suitable	for	operation	on 3ph Loaded		
	Near gardenbar	1	—	—	—	1 NO	
	Agrahara Layout	1	—	—	—	1 NO	
	@ Rate 22008/No					2 NO	
						=	44016=00
(30)	Supplying & delivery of brand new Gate valve						

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	1 x 1	—	—	—	1 NO	
	Agrahara Layout	1 x 1	—	—	—	1 NO	
	@ Rate 1886.4/No					2 NO	
						=	3773=60
(31)	Supplying & delivery of brand new Non Return Valve						
	Near garden bar	1x1	—	—	—	1 NO	
	Agrahara Layout	1x1	—	—	—	1 NO	
	@ Rate 1886.4/No					2 NO	
						=	3773=00
(32)	Supplying & fixing MCB						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to the Measurement Book
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	1x1	—	—	—	1No	
	Agrahara layout	1x1	—	—	—	1No	
	⊙ Rate 943.20/No					2No	
						= 1886.40	
(33)	Earthwork excavation for foundation of buildings water supply Sanitary Lines & elec cal conduits either in pits or in trenches 1.5m & above in width in hard soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches & the excavated soil Clear from edges of excavation (lift upto 50m) after breaking & dozes etc, Completed						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 500922

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near garden bar	1	30	0.60	0.75	=	
		1	30	0.60	0.75	=	
		1	30	0.60	0.75	=	
		1	30	0			
	Qty as per measurement page - 500966 - 500967						
	@ Rate. 332.15/m³				=	310.50 m³	
						= 103133=00	
(34)	providing & installing at site of work 63 mm dia pipes of 6 kg/cm² including cost of pipes & specials						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cond labour including lowering into trench laying true to Line level and perfect including Jointing true to Line levels perfect Looking at Joints level proof including Jointing of approved type Lift all labour charges Handling charges including encasing the pipe around to a depth not less than 15 cms etc complete.						
	Near garden bar	1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 500923

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	28	—	—	28.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	15	—	—	15.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	21	—	—	21.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	22	—	—	22.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	30	—	—	30.00	
		1	6	—	—	6.00	
						692.00	
						690 Rmt	

C/FC
2025-26
23/6/2020
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Limited to

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500924

No. .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
C/F C						
23/6/2020	@	Rate 413.25/Rm			690.00 Rm	= 285143=50
Refilling available earth around pipe lines Cables in layers not exceeding 20 Cms in depth Compacting each deposited layer by ramming after watering with lead upto 50 m & lift upto 1.5m including cost of all labour etc complete						
Qty as item no 33					= 310.50 m³	
@ Rate 134.42/m³						= 41737=50
						1907533=50

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	
36	BESCOM Charges					= 29000/-	
					TOTAL	190753/-	
				GST	12%	= 22890/-	
						216643/-	
						216543/-	

Certificate:

(1) The above work done satisfactorily

(2) The above Bill Amount has not claimed any of previous Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500925

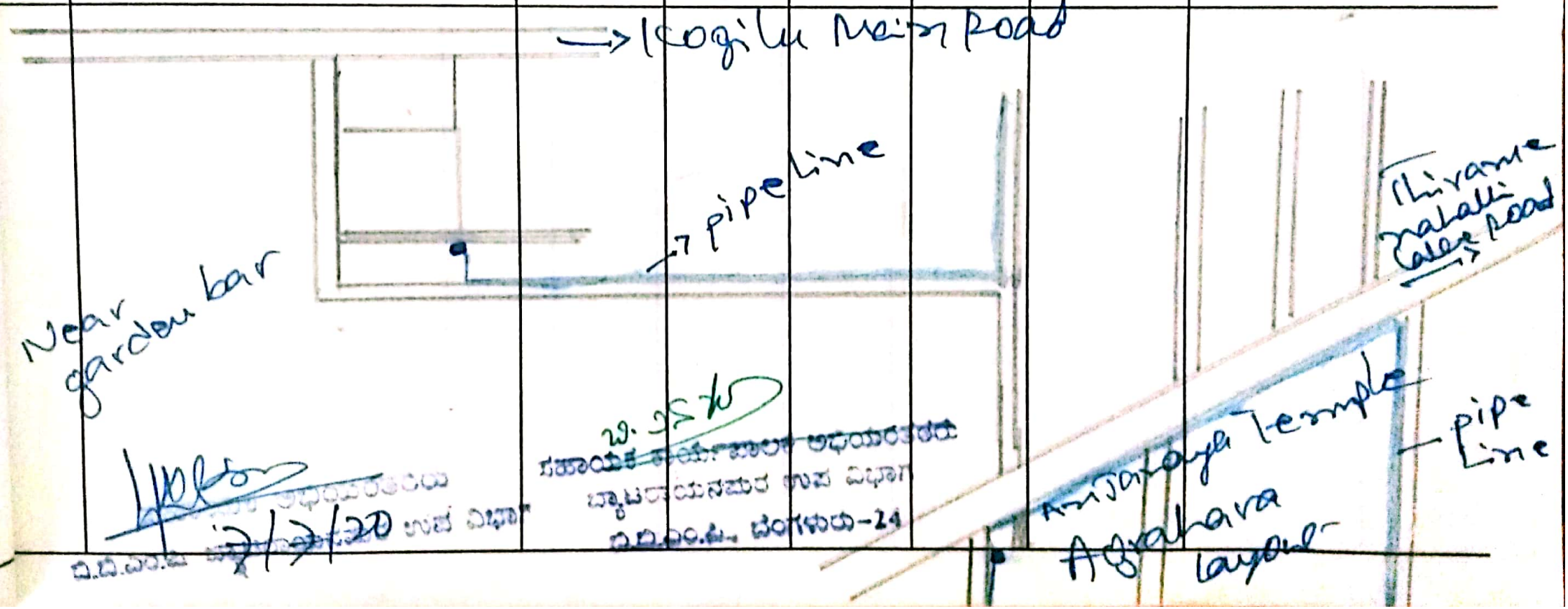
erial No. .....

lame of Work ..... From..... To.....

lame of Contractor of nature of Agency .....

)ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ವಿ.ವಿ.ಎಂ.ಪಿ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರವರ ಉಪ ವಿಭಾಗ

ವಿ.ವಿ.ಎಂ.ಪಿ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರವರ ಉಪ ವಿಭಾಗ
ಬ್ಯಾಟರಾಯನಪುರ
ವಿ.ವಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

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